

Title (en)

METHOD OF MANUFACTURING A BODY HAVING A LAY-OUT OF LIGHT GUIDES

Publication

**EP 0090999 B1 19890621 (DE)**

Application

**EP 83102794 A 19830321**

Priority

DE 3212619 A 19820405

Abstract (en)

[origin: US4498731A] An optical device such as a branch element comprising a body having at least one port with each port being formed by an integral cylindrical guide plug extend from an outer surface of the body and coaxially receiving an optical waveguide such as a fiber with the end surface of the waveguide and the plug being coplanar. The optical device is made by assembling a plurality of parts having planar surfaces with the planar surfaces engaged with each other and with the parts having semi-cylindrical projections having a flat surface lying in the plane of the planar surfaces to aid in aligning the projections to form the guide plugs, the planar surfaces are provided with coating adjustment portions comprising recesses receiving projections or posts.

IPC 1-7

**G02B 6/28**

IPC 8 full level

**G02B 6/28** (2006.01); **G02B 6/36** (2006.01)

CPC (source: EP US)

**G02B 6/2817** (2013.01 - EP US); **G02B 6/3652** (2013.01 - EP US); **G02B 6/3696** (2013.01 - EP US); **Y10S 359/90** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0090999 A2 19831012**; **EP 0090999 A3 19860625**; **EP 0090999 B1 19890621**; DE 3212619 A1 19831006; DE 3380101 D1 19890727; US 4498731 A 19850212

DOCDB simple family (application)

**EP 83102794 A 19830321**; DE 3212619 A 19820405; DE 3380101 T 19830321; US 48031883 A 19830330